

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—  
LOS ANGELES REGION**

101 CENTRE PLAZA DRIVE  
MONTEREY PARK, CA 91754-2156  
(213) 266-7500



May 17, 1991

Mr. John Clark  
General Services Division  
TRW, Inc.  
1 Space Park 140/2306  
Redondo Beach, CA 90278

SITE ASSESSMENT (ADDENDUM TO PHASE 2B WORK PLAN FOR EVALUATION OF POTENTIAL ON-SITE SOURCES OF CONTAMINATION IN VADOSE ZONE) MONADNOCK COMPANY FACILITY, CITY OF INDUSTRY (FILE NO. 86-68; CAO NO.88-057)

The addendum to the original workplan, received April 17, 1991, has been reviewed. The key issues from our review letter dated March 14, 1991 and from our April 10, 1991 meeting have been addressed in this addendum. It is approved subject to the following comments:

1. Multi-level soil gas work is still required. Where feasible TRW, Inc. may substitute the required deeper probes with permanent concentration and pressure monitoring probes for future Vapor Extraction System. Note, however, that the lateral and vertical extent of the volatile organic compounds in all phases must be established to provide guidance for a remedial plan. Evaluation of the shallow data will be made together with TRW, Inc.'s consultants.
2. The vicinity of the clarifier, and its outlet line must be included with the vapor investigation of the former "swamp area". Soil boring(s) at the clarifier must take into account the construction of the device and the orientation of its inlet/outlet piping.
3. The number and placement of gas probes in the heat treatment area must suit the situation. More than one or two probes may be necessary.
4. Grouped syringe blank checks are acceptable in this instance. The calibration of the GC must however meet EPA requirements. A control sample must be run every 10 sample "batch". Five point curves are expected down to the level of the quantitation limits. Calibration is needed only for compounds previously encountered, unless significant unknowns are observed.

Mr. John Clark  
Page 2

5. The purge protocols must be evaluated by preparing a calibration curve, volume/concentration for at least one probe point on-site. Establish the effects of purge volume removal for site specific conditions by analyzing a sequence of samples over the proposed purge intervals.

Provide seven (7) days advance notice of intended field work. Four copies of the final technical report are due by June 28, 1991. If you have any questions call Philip Chandler at (213) 266-7537.



ROY R. SAKAIDA  
Senior Water Resource  
Control Engineer

cc: ✓ Joe Viray, USEPA, Region IX  
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